



# SwampWorks



Innovative Solutions To Hard S&T  
Based Problems

# Program Purpose




To develop and demonstrate newly invented or recently discovered technologies that address emergent and enduring operational problems in an accelerated timeframe.


To develop prototypes of recent technology breakthroughs for experimentation to satisfy war-fighter requirements.

Pilot disruptive and open innovation processes and tools with the objective of decreasing the time and cost of producing innovative solutions

# Project Parameters

- 
- Project duration <3 years
  - Must be S&T in nature
  - Cost commensurate with impact of project
  - Projects may be phase funded
    - 1<sup>st</sup> phase is intended to explore technologies and performers in the relevant technology areas, both traditional and non-traditional, to help build the best project or verify
    - 2<sup>nd</sup> phase funds the project.
  - High risk, no transition mandate
  - Develop highly *Innovative/Game Changing Technology*
    - Expect higher failure rate than traditional S&T program
    - Expect to challenge the boundary of science

# Project Parameters

- 
- Project topics typically address, but are not limited to:
    - Emerging threats
    - Operational concerns
    - Combatant Commander concerns
    - New/advanced technology driven
    - Fast track innovative technologies
    - Reduce risk for acquisition program
    - Drive TTP's and or FNC
    - Traceable to D&I, FNC or other S&T effort

# Program Process



Identify eternal problems that require focused attention

Fleet/Force  
OPNAV  
X-Tec  
Exec S&T  
Deep Blue  
ONR

...

Exploit recent discoveries and inventions unique to problem set definition

ONR  
Academics  
Industry  
Futurists

...


Accelerated Program Development and Execution

ONR  
Laboratories  
Industry

Capability Demonstration and Assessment


Fleet/Force  
ONR  
Laboratories  
...

# The Door Is Always Open For Project Submissions



- Initial submission is a short (~2 page) white paper style that addresses the challenge, the proposed solution, the S&T, the basic timeline, the potential customer and the funding needed with a quad chart.
- The intent is to gather submissions throughout the year and in **July** determine which projects to fund in the following FY.
- Depending on funding availability, submissions may be funded with current year funds or held until the July decision.
- Submissions that do not get selected will remain on file for possible future funding.

# Reports

- 
- Once funded, **simple** monthly status reports will be submitted (via email) to include:
    - Technical progress
    - Financial progress (obligations/expenditures)
      - If not meeting benchmarks, plan to get on track
    - Observables
      - Tests, demonstrations, etc
    - Challenges
      - Technical, programmatic or financial
      - Plan to overcome challenge

# Contact



Dr. Larry Schuette

[Larry.schuette@navy.mil](mailto:Larry.schuette@navy.mil)

Jim Blessé

[Jim.blesse@navy.mil](mailto:Jim.blesse@navy.mil)

703-696-4037